

Title (en)
APPARATUS AND METHOD FOR SEALING AND CUTTING TISSUE

Title (de)
VORRICHTUNG UND VERFAHREN ZUM ABDICHTEN UND SCHNEIDEN VON GEWEBE

Title (fr)
APPAREIL ET PROCEDE POUR L'ISOLATION ET LA COUPE DE TISSU

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Application
EP 98944778 A 19980904

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Abstract (en)
[origin: WO9912487A1] The present invention is a bipolar tissue sealer/cutter (10) for electrosurgery on tissue. A chassis (15) on a handle (11) extends axially for axial movement. A tube (16) may move axially relative to the chassis. An effector (21) on a distal end of the chassis first contacts tissue with axial movement. The effector provides bipolar electrosurgery. A member (24) extending from the distal end is opposite the distal end of the tube. A part (25) on the member is transverse to the axis to conduct electrosurgery. First, and second bipolar electrodes (26, 27) on the effector, and part are electrically isolated. A bipolar generator (28) supplies the electrodes. An activator (32) movably supported on the handle connects to the tube and/or chassis to axially move the distal end, and its effector relative to the part. Tissue and bodily fluid therebetween are sealed or cut through application of compression, and bipolar electrosurgery between the electrodes.

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Citation (search report)
• [A] US 4985030 A 19910115 - MELZER ANDREAS [DE], et al
• [A] DE 2415263 A1 19751002 - AESCULAP WERKE AG
• See references of WO 9912487A1

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